THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY, DEPARTMENT OF ELECTRONICS AND DEPARTMENT OF OCEAN DEVELOPMENT AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS (SHRI P. R. KUMARAMANGALAM): (a) to (d) There is no proposal to establish a separate Atomic Authority for any State in the country. The Atomic Energy Act of 1962 empowers the Central Government the authority to develop atomic energy for the whole country.

Atomic Energy Regulatory Board

4575. SHRI MENTAY PADMANABHAM: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that Atomic Energy Regulatory Board created in 1983 has been reduced to an ineffective organisation; and

(b) if so, what steps Government propose to make it an effective instruments for regulating nuclear activities?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY DEPARTMENT OF ELECTRONICS AND DEPARTMENT OF OCEAN DEVELOPMENT AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS (SHRI P. R. KUMARAMANGALAM): (a) No, Sir. Atomic Energy Regulatory Board (AERB) which was set up in 1983 by the Government of India in terms of the Atomic Energy Act, 1962 to carry out certain Regulatory and Safety functions envisaged under the Act has been functioning as an effective instrument of regulation of nuclear activities.

(b) Does not arise.

Atomic Power Projects under Nuclear Power Corporation

4576. DR. SANJAYA SINH: Will the PRIME MINISTER be pleased to state:

(a) the names of the Atomic Power Projects which are under the management of the Nuclear Power Corporation;

(b) whether it is a fact that all these power projects have together reported high cost over runs on their respective latest approved costs;

(c) if so, the details thereof and the reasons therefor; and

(d) the remedial steps proposed to be taken in the matter?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY DEPARTMENT OF ELECTRONICS AND DEPARTMENT OF OCEAN DEVELOPMENT AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS (SHRI P. R. KUMARAMANGALAM): (a) The Atomic Power Projects which were under construction when Nuclear Power Corporation of India Ltd. (NPCIL) was formed in 1987 are as follows:—

Narora Atomic Power Project ...Units 1 & 2

Kakrapar Atomic Power Project ...Units 1 & 2

Kaiga Project ...Units 1 & 2

Rajasthan Atomic Power Project ...Units 3 & 4

(b) an (c) The details of cost over- runs of the above projects are as follows:—

(Rs. in Crores)

Project	Latest Sanctioned cost (Date of Sanction)	Lates Estimate (Yet to be Approved)	Remarks
Narora 1 & 2	399.64 (April 1983) IDC	645.00+ 100.00	The project is completed and Unit 1& 2 are in commercial operation.
Kakrapar 1 & 2	382.52 (July 1981) IDC	960.00+ 124.00	The project is nearing completion
Rajasthan 3 & 4	711.57 (Nov. 1986) IDC	1474.00+ 646.00	Latest estimates under review.
Kaiga 1 & 2	730.72 (June 1987)	Under revision	Expected to be about the same order as Rajasthan 3&4

(IDC—Interest During Construction)

The reasons for cost overrun are (i) escalation due to general increase in prices, (ii) increases in taxes and duties, (iii) increases in foreign exchange conversion rates and (iv) Changes in scope of work due to evolving safety standards and feed back from operating experience. Cost overruns were also as a result of time overruns due to efforts required in indigenous technology development in the context of the policy of self-reliance, and technology denial and restrictive practices by developed countries in the field.

(d) Standardisation of the designs to the extent feasible, advance action on long delivery and critical equipment, improving the extent of mechanisation in construction, reviewing of sequence of construction for reducing time and periodic monitoring and review at different levels are the steps taken towards containing time and cost overruns.

Import of Polymide Resins Films

4577. SHRI RAMACHANDRAN PILLAI: Will the PRIME MINISTER be pleased to state:

(a) the quantity of Polymide resins films imported in the last three years and the amount of foreign exchange spent thereon alongwith details, yearwise;

(b) whether this is of strategic importance with wide application specially in electrical insulation of aeroplane-wire cables;

(c) if so, the details thereof;

(d) the details of research project in the country to manufacture it indigenously;

(e) whether Government are aware of the research project on this in the Indian I.I.T. Kharagpur, West Bengal requiring fund for going into pilot plant scale; and

(f) what steps taken to help such projects for import substitution?

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS (SHRI CHINTA MOHAN): (a) The item 'Polyimide resin films' as such is not classifie under Indian Trade Classificat Rev-2 and Harmonised Commo Description and Coding System or basis of which Foreign Trade St tics of India are maintained. Tl fore, data showing import of 'imide resin films' is not availab